

THE WEIZMANN SCIENCE PRESS OF ISRAEL

National Council for Research and Development

ISRAEL Journal of MATHEMATICS

Volume 34 1979



מוסד ויצמן לפרסומים במדעי הטבע ובטכנולוגיה THE WEIZMANN SCIENCE PRESS OF ISRAEL

Publishers of the Following Journals

ISRAEL JOURNAL OF BOTANY; ISRAEL JOURNAL OF CHEMISTRY;
ISRAEL JOURNAL OF EARTH-SCIENCES; ISRAEL JOURNAL OF MATHEMATICS;

ISRAEL JOURNAL OF TECHNOLOGY; ISRAEL JOURNAL OF ZOOLOGY;
JOURNAL D'ANALYSE MATHEMATIQUE

(Science FOR Youth) כרעת מדע לנוער המתבגר (Science FOR Youth) בלגל עתון מדעי לכל

Supporting Institutions

THE NATIONAL COUNCIL FOR RESEARCH AND DEVELOPMENT;

BAR-ILAN UNIVERSITY; BEN GURION UNIVERSITY OF THE NEGEV;

TECHNION — ISRAEL INSTITUTE OF TECHNOLOGY; TEL AVIV UNIVERSITY;

THE HEBREW UNIVERSITY OF JERUSALEM; THE WEIZMANN INSTITUTE OF SCIENCE

GENERAL EDITORIAL BOARD

D. ABIR

I. ARNON

M. CARMELI

A. DVORETZKY

H. EYAL-GILADI

H. HANANI

M. JAMMER

J. JORTNER

L. REINHOLD

N. SHARON

Y. WEILER

Executive Editor

L. LESTER

Assistant Editor

P. GREENBERG

ISRAEL JOURNAL OF MATHEMATICS

Formerly: Bulletin of The Research Council of Israel, Section F

Editorial Board

S. A. AMITSUR AND M. MAGIDOR, The Hebrew University of Jerusalem, Executive Editors

S. ABARBANEL, Tel Aviv University

B. GRÜNBAUM, University of Washington

I. N. HERSTEIN, The University of Chicago

A. Levy, The Hebrew University of Jerusalem

J. LINDENSTRAUSS, The Hebrew University of Jerusalem

E. Netanyahu, Technion—Israel Institute of Technology, Haifa

A. Pazy, The Hebrew University of Jerusalem

B. Weiss, The Hebrew University of Jerusalem

Three volumes of the Israel Journal of Mathematics are to be published in 1979, Vols. 32, 33 and 34

Subscriptions should be addressed to the Weizmann Science Press of Israel, P.O.B. 801, Jerusalem 91000 Israel. Subscription fees per volume, U.S.\$30.00+\$2.00 postage & handling (\$90.00+\$6.00 postage & handling for the 3 vols.). Individual members of mathematical societies may subscribe at a 50% discount.

© 1979 THE WEIZMANN SCIENCE PRESS OF ISRAEL Typeset & Printed at the Jerusalem Academic Press

ISRAEL JOURNAL OF MATHEMATICS

TABLE OF CONTENTS, VOLUME 34, 1979

BLAIR, D. E. AND BY. CHEN On CR-submanifolds of Hermitian	
manifolds	353
CHANG SHING CHEN See A. T. Wang	
CHEN, BY. See D. E. Blair	
Chong, C. T. Major subsets of α -recursively enumerable sets	106
DANG-NGOC, N. Pointwise convergence of martingales in Von Neumann	
algebras	273
DENKER, M. AND M. KEANE Almost topological dynamical systems	139
Dodds, P. G. and D. H. Fremlin Compact operators in Banach lattices	287
FAJUYIGBE, O. An extension theorem for periodic transformations of	
surfaces. I	12
Fremlin, D. H. See P. G. Dodds	
GELBART, S., R. HOWE AND I. PIATETSKI-SHAPIRO Uniqueness and	
existence of Whittaker models for the metaplictic group	21
GLASNER, S. AND B. WEISS On the construction of minimal skew	
products	321
GRIPENBERG, G. An abstract nonlinear Volterra equation	198
GUREVICH, Y. Monadic theory of order and topology II	45
HARRIS, L. A. Analytic invariants and the Schwarz-Pick inequality	177
HEILPER, A. The zeros of functions in Nevanlinna's area class	1
HOFBAUER, F. On intrinsic ergodicity of piecewise monotonic transforma-	
tions with positive entropy	213
Howe, R. See S. Gelbart	
KEANE, M. AND M. SMORODINSKY Finitary isomorphisms of irreducible	
Markov shifts	281
Keane, M. See M. Denker	
Markley, N. G. and M. E. Paul Almost automorphic symbolic minimal	
sets without unique ergodicity	259
MOORE, C. C. Amenable subgroups of semi-simple groups and proximal	
flows	121

OBERLIN, D. M. Singular measures and l ^p Fourier transforms	115
PAUL, M. E. See N. G. Markley	
Piatetski-Shapiro, I. See S. Gelbart	
Pisier, G. A remarkable homogeneous Banach algebra	38
QUEFFELEC, M. Sur la singularité des produits de Riesz et des mesures	
spectrales associées à la somme des chiffres	337
RATNER, M. The cartesian square of the horocycle flow is not loosely	
Bernoulli	72
REAY, J. R. Several generalizations of Tverberg's theorem	238
Series, C. Foliations of polynomial growth are hyperfinite	245
Smorodinsky, M. See M. Keane	
Sonn, J. Class groups and Brauer groups	97
WANG, A. T. AND CHANG SHING CHEN Functions of an n-dimensional	
Brownian motion that are Markovian	343
Weiss, B. See S. Glasner	
Wolff, M. Skew-product extensions of Markov operators and products	
of dependent random variables	161



This volume is bound incomplete.

It lacks Vol. 34, No. 3

Continued effort is being made to obtain the missing issues.

No further effort is being made to obtain the missing issues. PLEASE ASK AT THE REFERENCE DESK IF A MISSING ISSUE IS NEEDED.